

Converting Colors

$Y_{xy}(70.1961, 0.3116, 0.3355)$

Have a look what the booklet for
Yxy(70.1961, 0.3116, 0.3355)
contains.

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Color

Yxy(70.1876, 0.3117, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	D5DCD6
RGB	213, 220, 214
RGB Percent	84%, 86%, 84%
CMY	0.1647, 0.1372, 0.1608
CMYK	0.03, 0.00, 0.03, 0.14
HSL	128°, 9%, 85%
HSV	128°, 3%, 86%
XYZ	65.1697, 70.1876, 73.7210
YIQ	217.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

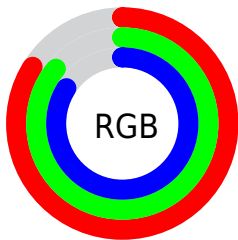
Format	Color
R _Y B	213, 219, 220
Decimal	14015702
CIE Lab	87.09, -3.45, 2.12
CIE LCh	87, 4.048, 148.431
Yxy	70.1876, 0.3117, 0.3357
Android (android.graphics.Color)	4292205782 (0xFFD5DCD6)
YUV	217.2230, -1.5889, -3.7036
Hunter-Lab	83.7780, -7.7590, 6.4720

Details

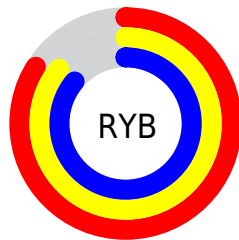
The Yxy color $70.1876, 0.3117, 0.3357$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.9212, 0.3137, 0.3224$, and the grayscale version is $69.5623, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.6826, 0.3114, 0.3378$ is the 20% darker color. If you saturate the color by 10%, you get $66.2102, 0.3084, 0.3587$, and if you desaturate by 10%, it is $74.7294, 0.3148, 0.3156$.

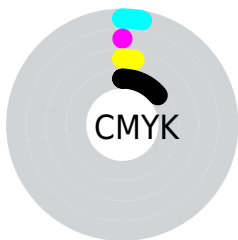
Distribution



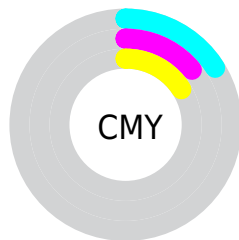
- Red (84%)
- Green (86%)
- Blue (84%)



- Red (84%)
- Yellow (86%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1876, 0.3117, 0.3357 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 70.1876, 0.3117, 0.3357 by changing the saturation by 10% instead.

■ 70.1876, 0.3117,
0.3357

■ 70.1876, 0.3117,
0.3357

461.2084, 0.3122,
0.3326

■ 51.6795, 0.3116,
0.3364

119.4762, 0.3119,
0.3346

■ 36.7497, 0.3114,
0.3373

151.0256, 0.3119,
0.3342

■ 25.0137, 0.3113,
0.3385

187.6908, 0.3120,
0.3338

■ 16.0873, 0.3110,
0.3400

229.8562, 0.3120,
0.3335

■ 9.5859, 0.3107,
0.3421

277.9063, 0.3121,
0.3332

■ 5.1253, 0.3102,
0.3452

332.2254, 0.3121,

■ 2.3210, 0.3093,

0.3330

0.3503

393.1980, 0.3122,
0.3328

0.7848, 0.3074,
0.3645

0.0000, 0.0000,
0.0000

70.1876, 0.3117,
0.3357

70.1876, 0.3117,
0.3357

66.2102, 0.3084,
0.3587

74.7294, 0.3148,
0.3156

62.7665, 0.3052,
0.3845

79.4654, 0.3164,
0.2980

59.8365, 0.3020,
0.4131

79.6700, 0.3143,
0.2950

57.3954, 0.2991,
0.4439

■ 55.4164, 0.2967,
0.4759

■ 53.8701, 0.2951,
0.5076

■ 52.7236, 0.2944,
0.5369

■ 51.9393, 0.2948,
0.5619

■ 51.4722, 0.2961,
0.5807

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.1876, 0.3166, 0.3375



70.1876, 0.3117, 0.3357



70.1876, 0.3071, 0.3321

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1876, 0.3117, 0.3357



70.1876, 0.3049, 0.3211



70.1876, 0.3216, 0.3303

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



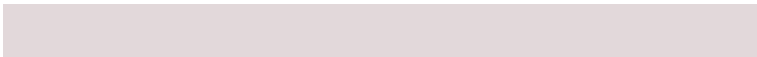
70.1876, 0.3117, 0.3357



67.9212, 0.3137, 0.3224

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1876, 0.3184, 0.3260



70.1876, 0.3117, 0.3357



70.1876, 0.3088, 0.3207

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



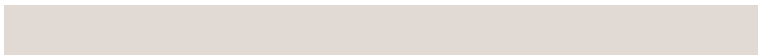
70.1876, 0.3117, 0.3357



70.1876, 0.3032, 0.3236



70.1876, 0.3137, 0.3225



70.1876, 0.3224, 0.3344

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1876, 0.3117, 0.3357



70.1876, 0.3048, 0.3291



70.1876, 0.3137, 0.3225



70.1876, 0.3207, 0.3289

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.1906, 0.3117, 0.3357



99.3792, 0.3124, 0.3311



71.0655, 0.3167, 0.3367



21.2778, 0.3124, 0.3310



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1906, 0.3117, 0.3357



97.5648, 0.3114, 0.3375



70.3688, 0.3094, 0.3318



15.0482, 0.3112, 0.3390



30.1084, 0.2967, 0.5881



1.9603, 0.2898, 0.5634

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.9212, 0.3137, 0.3224



93.5718, 0.3140, 0.3206



67.7413, 0.3161, 0.3262



14.3285, 0.3143, 0.3192



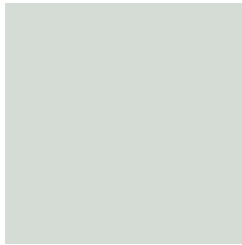
11.0999, 0.3598, 0.1756



0.7280, 0.3525, 0.1715

Previews

White Background



This preview shows how the Yxy color 70.1876, 0.3117, 0.3357 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 70.1876, 0.3117, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

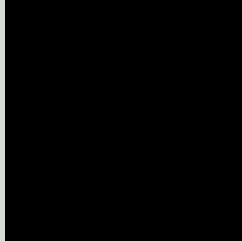
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

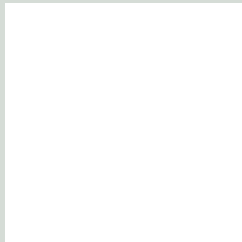
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1876, 0.3117, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 70.1876, 0.3117, 0.3357.



This preview shows how white text looks on a background with the Yxy color 70.1876, 0.3117, 0.3357.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.1876, 0.3117, 0.3357

Protanopia

70.0671, 0.3205, 0.3345

Deuteranopia

70.0717, 0.3310, 0.3238



Tritanopia

70.1652, 0.3009, 0.3105

Trichromacy



Original Color

70.1876, 0.3117, 0.3357

Protanomaly

70.0070, 0.3168, 0.3345

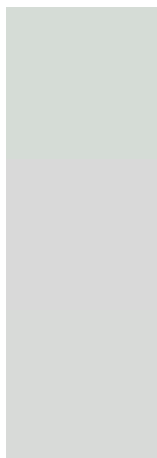
Deuteranomaly

69.8224, 0.3238, 0.3280

Tritanomaly

70.1359, 0.3047, 0.3191

Monochromacy



Original Color

70.1876, 0.3117, 0.3357

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.6996, 0.3126, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1876, 0.3117, 0.3357 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 220, 214)` looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 220, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 214) }
```

Border

The CSS property to change the border of an element to Yxy 70.1876, 0.3117, 0.3357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 220, 214) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 220, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 220, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1876, 0.3117, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
220, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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